

**ABSTRACT**

Described is a system used in defining and producing a live television broadcast.

The system includes one or more control panels, a workstation, a router, and devices.

- 5 The control panels may be hard control panels or soft control panels. The control panel includes programmable buttons having a display determined in accordance with a show definition. Display and control of a portion of the control panel buttons may vary in response to another control or button selection. Primary and backup communication connections are used to control the live show production.

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